

# WORKBENCH

Journal of Amiga Users Group., Inc. G.P.O. Box 684E Melbourne 3001 Victoria Australia  
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quarterly Amiga Workbench...**

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now is the time to do it!**



AMIGA USERS GROUP

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# ✓ AMIGA USERS GROUP INC.

P.O. Box 684E Melbourne 3001, Victoria Australia

## i Who are we?

The Amiga Users Group is a not-for-profit association of people interested in the Amiga computer and related topics. We **do not** condone software piracy. We have recently replaced our answering machine with a voice message service, phone:

016 370 890

(Local call anywhere in Australia.)

## ? Membership

Two types of Amiga Users Group membership are available. Full membership provides access to all AUG services including the quarterly *Workbench* magazine, the digital *Workbench* and AUG's two bulletin board systems. Basic membership gives access to all AUG services except the BBSs and the digital *Workbench*. Full membership costs \$35 a year, basic membership is \$25 a year. There is a initial \$5 joining fee. To simplify renewals, all memberships expire in August. More information and a application form are provided inside the back cover.

## PD Disk and Book Library

AUG has an extensive collection of Amiga Related Books, Magazines and Tapes. Disks from our Public Domain Library are available for \$1 each on your own disks or for \$2 each on AUG supplied disks, which includes postage. Details of latest releases are available at meetings and as well as a catalog disk.

## \$ Member's Discounts

AUG negotiates discounts for its members on hardware, software and books. Currently **Technical Books** in Swanston Street in the city off AUG members 10% discount on computer related books, as does **McGills** in Elizabeth Street. **Another World** computers in Coburg, **MVB** Croydon and **Computer Magic** Moonee Ponds offer good deals, while **Maxwells** in Abbotsford offer 10% off RRP on all software.

## ✉ The Workbench Magazine

*Workbench* is the journal of the AUG. It is produced in two formats. The quarterly printed *Workbench* is mailed to all members. A new electronic version of the magazine, the digital *Workbench* is available for download by full AUG members from the clubs BBS systems. New issues will be made available approximately every two weeks. Copies of the digital *Workbench* will also be available from the public domain library for the standard copying fee.

## ← Back Issues of Workbench

All back issues of Amiga *Workbench* are now available, for a \$2 per issue handling and postage charge. Back issues are also available at meetings. Contact the committee for pricing on bulk orders.

## ✎ Workbench Contributions

Articles, papers, letters, drawings, cartoons and comments are actively sought for publication. Contributions may be sent in on disk, paper or uploaded to the Editor's BBS (527 7126 during work hours) or to Amiga Central or Ratz BBSs in the area set aside for this purpose. Please send your contribution in text-only, non-formatted if they are on file and remember to include your address for return of disks. Deadlines for articles is the first Wednesday of the month of Publication. Contributions can be sent to: The Editor, AUG, PO Box 684E, Melbourne 3001.

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## ! Advertising

The Amiga Users Group accepts commercial advertising in Amiga *Workbench* subject to available space. Contact the Advertising Representative for rates and conditions.

## BBS AUG Bulletin Boards

The AUG operates 2 bulletin boards devoted to the Amiga. They can be accessed 24 hours a day on the numbers below. Parameters should be: 8 data, 1 stop bit and no parity.

Amiga Central 370 0832

Sysop: Frank Lowe

Ratz 553 0305

Sysop: Howard Alexander

## \* Club events

For details of events and meeting dates, check SIG Reports and the AUG calendar inside the back cover. An entry fee is charged by groups to cover hall rental and light refreshments. Maps and directions appear in the rear of the Journal.

## ☎ AUG Contact Numbers

Amiga Users Group Committee	Co-ordinator	Justin Deeley	018 993 006
	Ass't Co-ordinator	Peter Fregon	585 2055
	Secretary	Leanne Taylor	583 8806
	Treasurer	Jeff Kirkland	571 0078
	Membership Officer	Alexander McCooke	898 5236
	Meeting Chair	Michael Granat	569 8752
	Committee	Tom Barath	888 1304
		Bob Toth	
		Roger Lloyd	

NWAUG Committee	Co-ordinator	Frank Lowe	326 1525
	Ass't Co-ordinator	Andrew Amor	-
	Secretary	Gary Cassidy	-
	Treasurer/Mem'ship	Greg Rowbury	015 360 581
	Meeting Chair	Hugh Leslie	370 4205
	Book Library	Darrel Butcher	057 831 772
	Disk Library	Alan Cheng	380 5588
	Committee	Michael Chamberlain; Leon Wood	
		Enzo Tommsi; George Wahr	

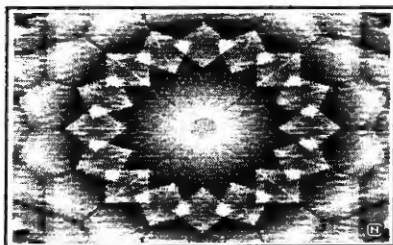
By the time you read this, NWAUG's elections will have been held. Details of the new committee will appear in the next *Workbench*.

SEAUG Committee	Co-ordinator	Simon Burrowes	589 1531
	Ass't Co-ordinator	Sean Hardy	562 4328
	Secretary	Robin Whitehead	555 4757
	Treasurer/Mem'ship	Tom Barath	888 1304
	Committee	Cameron Adams	553 1436

Club Services	Amiga Central	Frank Lowe	326 1525
	Ratz	Howard Alexander	555 3995
	Workbench	John Rowley	527 7126
	Advertising	John Clearson	0411110105
	Book Library	Nick Diakoumis	523 0953
	Disk Library	Tom Barath	888 1304

We are revising the AUG Help network.. See the article on page 11.





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*UnderMeshClone*, Norm Christian

## Acknowledgments

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John Clearson

### Equipment

Amiga 2000  
Amiga 3000  
Amiga 4000/40  
TI MicroPro 600 PS 65

### Software

Professional Page 4.1  
Professional Draw 3.03

### Printers

Snap, Braeside

# EDITORIAL

What is happening to with the Amiga?

*I suppose you've heard that Commodore have 'gone bankrupt.' There's a lot more to it than that, and its not as simple as it was basically done in the Bahamas. but the latest gossip that's reached me is that Commodore management are considering several offers to take over the assets of the company. Apparently one of the conditions was that whoever gets the company should agree to continue the Amiga product range, not just acquire the custom chip technology for other products. As I say, this is rumour, and supposedly Commodore was to make an announcement during the first week of August, but I haven't seen anything yet.*

*What I do know is that it is almost impossible to find an Amiga or a CD32 in the stores; Cash Converters, the national 2nd hand dealers, bought out the Commodore warehouse stock of CD32s and have been selling them (or not) at \$495. I also know that numerous developers have stated their intention to continue to support and develop for the Amiga. The international Amiga magazines are still going strong (an Australian one has died, but 'going strong' would never have described it anyway) and I've still received upgrade notices for a couple of programs (although these would would have been in development earlier.)*

*So is now the time to dump your Amiga and buy something else? Apart from the messages on the networks that boil down to 'wait and see, there are some surprises to come'. I still think the Amiga is the best PC available, and if I had the money and if I could find one I'd buy an Amiga 4000 tomorrow (unfortunately two very unlikely ifs.)*

*In fact now might be a good time to pick up some bargain upgrades and accessories, while suppliers are cutting their prices just in case the worst does happen... or are they cutting prices on current products because they know what the great things to come being hinted at and rumoured really are?*

*John Rowley, Editor.*

# BIG DEMONSTRATIONS

PLANNED FOR AUGust 21 MEETING ... Michael Granat Reports.

No—not people marching and waving placards in front of the Moorabbin Arts Centre, but something far more exciting, if more sedentary within.

## *Ruthless Manipulation of Small Objects*

Apparently the finest electronic typesetting tool in the known Universe, TypeSmith 2.0 will be put through its paces, in the capable hands of consummate professional Amiga desktop publisher and proprietor of Mithril Press (and AUG Coordinator) Justin Deeley.

Justin is a regular TypeSmith user and TypeSmith is far more than just a font fixer. It can convert fonts between formats, copy and paste between fonts, polish your postscript P's and Q's a pixel at a time, make blemished bitmaps blossom and re-define your outline fonts. Come along and see if this is your type of program. We hear that its invaluable for creating word processor and video ready fonts too.

## *The Brilliance Continues*

Justin will then follow with a demonstration of Digital Creations' Brilliance 2.0.

the highly intuitive and enormously powerful desktop illustration and animation package that is giving Electronic Arts Deluxe Paint AGA professional competition at a decidedly amateur market price.

## *Handsome Prints*

Is your printed output looking a bit shaky on it's pins? Technical documentation specialist Michael Granat (AUG Meeting Chair) will, time permitting, demonstrate just what is achievable on a dot matrix printer. Sure there are 300 x 300 dpi laser printers, but Michael will show you how to achieve 360 x 360 dpi output on a 24 pin! (240 x 216 with a 9 pin!). Michael and his trusty Okidata Microline 390 dot matrix printer will even prove that 180 x 180 dpi output from a basic word processor can look expensively printed, in half the time of the highest resolution pin printing.

## *Tour Australia from a Comfy Chair*

Time permitting, Michael will also demonstrate the Australian Graphic Atlas, from South Australian developer, HC Software. Developed using AmigaVision Professional this educational and

infotainment program is a feast for the eye and the mind, as it uses the interactive and graphical ability of the Amiga to create a thinking person's browsing atlas of our nation.

## *Demonstrate Your Enthusiasm*

Come to our outstanding new meeting venue, on Sunday August 21 at 2:00pm, and access:

- the latest, verified news of the local and global Amiga scene
- on-the-spot assistance and advice after each meeting
- a library of around a thousand freely distributable, public domain and shareware disks
- a huge library of Amiga reference books and special interest magazines.

Keep in touch. Participate in your Amiga friendship network, at the Moorabbin Arts Centre Complex, corner South Road and Nepean Highway (Melway reference: map 77 D5) near the town hall and the railway station. Ample free parking. Tea and Coffee provided with your \$2.00 entry fee. A great Sunday afternoon for those who are eager for the Amiga.

Look what's happening with AUG...

## *New Committee*

For those who couldn't make it, AUG had its Annual Meeting last month. As usual, Lester McClure was our most able returning officer. The new committee was elected with all positions filled except for two general committee positions. One has been filled since the meeting, and one is still vacant. We welcome those joining the committee this year, and extend our thanks to retiring members for their hard work in past years. Special thanks are extended to Jim Lewis (ex-coordinator) for the use of his garage as a venue for committee meetings. Names and phone numbers for the

new committee are listed inside the front cover. As *Workbench* goes to press, NWAUG is about to elect its new committee. Details in the next issue.



## *Public Domain at Moorabbin*

To simplify and speed copying, we are now offering programs from fish disks on

a per-program basis in compressed form. Prices will be 50c per program and \$1 for a disk. For more information talk to Tom Borath our public domain librarian at the meeting.

## *New Phone Number!*

AUG has a new phone number: 016 370 890 (a local call anywhere in Australia) See the information inside the front cover.

## *Amiga Cables*

If you are looking for a inexpensive monitor cable or a new set of Amiga manuals come to the Moorabbin meeting. A collection of genuine Amiga cables and manuals will on sale at Moorabbin this month.

# PARAVISION "SX-1"

## CD32 HARDWARE EXPANSION

### Attention: A1200/A4000 Owners **BARGAIN BOX**

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### **ATTENTION CD32 OWNERS!!**

At last the most eagerly awaited Amiga expansion ever can be in your hands. Offering memory expansion up to 8MB, serial, parallel, external floppy, IDE, RGB video, IBM compatible keyboard, plus a Karaoke control unit interfaces, the Paravision SX-1 transforms the CD32 from a powerful home entertainment console into a fully blown home computer

#### Specifications:

Dimensions:

Serial Connector:  
Disable Switch:

Parallel Connector:  
Video Connector:

Floppy Connector:  
IDE Hard Drive Connector:

AT-101 Keyboard Connector:

Audio Input Connector:

Memory SIMM Connector:

MPEG Passthrough:

Realtime Clock:

17cm deep (extending behind the CD32) x 15cm wide (about the width of the CD32 Expansion Port Connector) x slightly shorter than the CD32 in height.

DB9 connector (this is different to the A1200), IBM AT compatible Disables SX-1 functions of IDE, floppy drive, parallel and serial interface. It will not disable memory SIMM, RGB video, Keyboard translator, or audio input functions

DB25 - A1200 compatible (Parnet software and adaptor bundled with unit)  
DB23 - Amiga 1200 compatible RGB port (does not have -5V present on connector), connector does have combined FMV and CD32 video data

DB23 - Amiga 1200 compatible  
1 x 44 pin internal connector - Amiga 1200 compatible and 1 x DB37 external connector. Room internally to install a 2.5" HDD  
5 pin DIN connector allowing the connection of a standard IBM 101 AT keyboard into the CD32

6 pin mini-DIN style connector allowing the addition of a Karaoke microphone and control unit. This input will be mixed with the Amiga audio output and the CD player output.

A single internal 72 pin SIMM socket is provided.  
You can install a 1,2,4 or 8 Mb SIMM

The SX-1 has a passthrough connector allowing installation of Commodore's FMV module. FMV module installation limits the SIMM memory to 4MB  
An internal RTC and replaceable battery (socketed Lithium Cell) is provided.

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\* Prices Subject to change without Notice



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OPENS  
10am 8 - 9th October

The Bayswater Community Centre

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Mel ref 64 G3

**Cyber-Art Expo '94** is a public Exhibition of the many creative ideas home computer operators are achieving with their machines. YOU are invited as a user, to demonstrate your skills and promote the **AMIGA** to the public.

Your skills can be from any area of computer activity, ie, Graphic art, DTP, Slide shows, Music, Animation, Video, Robotics, Games etc. or any other field involving computers. VCR's can be used to support your display if you wish. There is no exhibiting cost to the users and all stands are provided with power, table and chairs. It may suit some users to form a small team to run a display at the exhibition.

We still need support from **Amiga** commercial suppliers to display at **Cyber-Art Expo '94**. Commercial display stands are cheap and come equipped as above.

The Major Sponsorship is still currently available, this entitles the sponsor to naming rights plus inclusion in all media produced for circulation by The Rotary Club of The Basin, ie major signs, posters, "T" shirts, etc. **Enquire Now!**

A competition has been announced for the schools in the East with substantial prizes of software and hardware to the winners.

Please, don't hesitate, contact us **NOW!** and join us for **Cyber-Art Expo '94**.

Communications to:

**Cyber-Art Expo**  
P.O. Box 35  
Boronia. Vic 3155

Fax: 761 0421  
(24 hrs)

Organized By:  
The Rotary Club of The Basin



Telephone:  
David O'Regan 762 6419 All Hrs  
George Leake 762 1187 Bus hrs



As you know for the last few months Jeff Kirkland has been editing a disk based edition of the Workbench Magazine, which has been available at A.U.G. meetings and for download from the club's bulletin boards. (Although described as 'disk based,' in fact you don't need a floppy disk for each issue. I keep each one in a drawer on my hard disk with no problems. The only adjustment necessary is to ensure you have the player program in the place specified in the magazine's icon.)

However, not everyone has a modem, so I've collected a couple of articles from the Digital Edition here. Please note that these are not 'typical' articles, as they have been filtered not only by Jeff's original selection from the electronic networks, but also by my selection. For reasons of space I have restricted my selection to articles somewhat shorter than most in the Digital Edition.

John Rowley.

### MultiFileSystem

Version 1.0. Share multiple file By under a single device name. By Nicola Salmoria <MC6489@mclink.it>

**DESCRIPTION** Thanks to the versatility of AmigaDOS, we are able to use many different file systems on our disks. The most popular is of course CrossDOS (tin), but many other file systems can be found in the PD. Adding a new file system to the Amiga is simplicity itself: just copy a file in L:, provide a suitable mountlist, and there you go. This works flawlessly if every physical unit is accessed by a single file system, but if multiple file systems share the same device, some problems arise:

- You have to call the same unit with different names (e.g. DF0: and PC0:) depending of the kind of disk inserted.
- When you insert a PC disk, the Workbench shows a DF0:??? icon, and vice versa: this can be very annoying especially for owners of more than one drive.
- When a file system is busy (for example during a DiskCopy), the other file systems can still access the disk: this goes against the concept of "inhibiting" a device.

MultiFileSystem solves all of these problems. It isn't a file system in the usual way: it is an interface to other file systems. When you mount it, you tell it which file systems it should use; afterwards, when a disk is inserted, MultiFileSystem will recognize it and pass the commands to the appropriate file system. This means that with a single device name, for example DF0:, you can access any conceivable file system!

You are not limited to floppy drives, of course: I successfully installed MultiFileSystem over a 128Mb magnetooptical drive.

**SPECIAL REQUIREMENTS** OS release 2.1 or newer

**HOST NAME** Any Aminet site, for example ftp.luth.se 130.240.18.2

**DIRECTORY** /pub/aminet/disk/misc

**FILE NAME** mfs.lha

**PRICE** Free

**DISTRIBUTABILITY** Freeware, freely distributable as long as the archive remains intact and only a nominal fee is charged for its distribution.

### Articles and reviews on the last 3 issues of the Workbench Digital Edition compiled by Jeff Kirkland.

#### Volume 1 Issue 2 May 94

Chaos on the CD-32  
Multimedia Photography  
Satellite Tracking  
DirWork2 Review  
Forge Review  
The Ultimate Joystick Port?  
ReqChange Review  
Advertising & Services  
Tandem CD Player  
Golden Gate II Review

#### Volume 1 Issue 3 June 94

About the AUG  
Imagine Hints & Tips  
Review: Yet Another Kommodity  
Interview: Mike Levin, CSM  
Bargains & Other Stuff  
Virus Checker 6.41  
VirusZ II Update  
About The Magazine  
Part & Particle for Opal  
New version of DICE  
Review: Typesmith 2.02  
Lightwave 3D  
SAS/C Pricing change  
TransAmiga Changes Hands

#### Volume 1 Issue 4 July 94

About the AUG  
GNU C & C++ Review  
Labyrinth of Time  
Hired Guns  
Ami-Back 2.0  
Star Trek 25th Anniversary  
PhotoWorx  
D-Generation CD-32  
Multi-File System  
AdPro, Image FX Compared

Concerning the recent announcements by Commodore, I wanted to let you know that SAS Institute, Inc. intends to continue selling and providing technical support for the SAS/C Development System with C++ as long as there is a viable market. However, due to the uncertainty of the market, the Institute's management has decided to suspend new development on the Amiga-specific parts of the product. This policy will remain in effect until changes in the market warrant reconsideration.

Development will continue on those portions of the product that are used on other platforms, including the code generator, the global and peephole optimizers, the C++ translator, and the debugger. If we see a viable Amiga market in the future, we will be in a good position to produce a new release for it with a minimum of lost time.

Also in response to the Commodore announcements and many user suggestions, SAS Institute Inc. announces the following new prices for the SAS/C Development System with C++, effective immediately:

Version 6.50	\$199.00
Upgrade from Version 6	\$59.00
Upgrade from Version 5	\$99.50
Upgrade from Version 4	\$99.50
Academic discount	\$99.50
Maxx trade-in offer	\$99.50

These prices are in US dollars and do not include shipping charges. Customers outside the US, please contact your local SAS Institute office or your nearest Amiga distributor for prices in your area. We do not plan to send a mailing to registered users, so please take the initiative to contact SAS Institute if you would like to take advantage of the new price.

If you have comments or suggestions about our development policy, please send email to "ts4sasca@unx.sas.com" or write to

Amiga C Marketing, SAS Institute Inc.  
SAS Campus Drive, Cary, NC 27513

Please do NOT send email to me, Jim Cooper, Steve Krueger, Khristi Tomlinson, Diane Gomez, or Gerlinde Schuster with suggestions for future development plans or product offerings. We will just ask you to go through one of the above channels.

On a personal note, I'd like to add that I plan on keeping my Amiga and supporting the Amiga community in any way possible. I've been an Amiga developer since March of 1986, and I'd hate to see it go. Look for a new release of parnet soon 8^)

Doug Walker Manager, Amiga Product Development SAS Institute Inc.

#### Editor's Note:

SAS Australia's address is: Private Bag No. 52, Lane Cove NSW 2066  
Phone (02) 428 0428, fax (02) 418 7211  
Australian prices have also been reduced, although not to the extent of the U.S. cuts. —jr

# EMERALD *Creative*

## Utilities

Asim CDR Filesystem	\$100.00
Cygnus Ed Professional V3.5	\$109.00
Directory Opus	\$105.00
DirWork 2	\$ 85.00
Disk Expander	\$ 76.00
Final Copy II	\$139.00
Final Writer	\$170.00
Gigamem	\$110.00
Maxon Magic Screen Saver	\$ 69.00
PC-Task 2.03	\$ 50.00
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Personal Write 4	\$ 49.00
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Proper Grammar	\$ 89.00
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QuarterBack 6	\$CALL
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Xetec CD Install	\$ 99.00

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ADI English 13-14	\$ 49.00
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ADI JNR Counting 4-5	\$ 49.00
ADI JNR Counting 6-7	\$ 49.00
ADI JNR Reading 4-5	\$ 49.00
ADI JNR Reading 6-7	\$ 49.00
ADI Maths 11-12	\$ 49.00
ADI Maths 12-13	\$ 49.00
ADI Maths 13-14	\$ 49.00
ADI Maths 14-15	\$ 49.00
Alvin's Puzzles	\$ 49.00
Answerback Fact500 Math	\$ 49.00
Answerback Fact500 Spelling	\$ 49.00
Answerback Junior	\$ 49.00
Answerback Senior (12+)	\$ 49.00
French Mistress	\$ 49.00
FunSchool 4 5-7	\$ 49.00
FunSchool 4 7-11	\$ 49.00
FunSchool 4 under 5	\$ 49.00
FunSchool Special: Merlin Math	\$ 49.00
FunSchool Special: Paint/Create	\$ 49.00
FunSchool Special: Spelling Fair	\$ 49.00
German Master	\$ 49.00
Italian Tutor	\$ 49.00
Kid Pix	\$ 59.00
Maths Adventure	\$ 49.00
Megamaths	\$ 49.00
Micro English	\$ 49.00
Micro French	\$ 49.00
Micro German	\$ 49.00
Micro Maths	\$ 49.00
Micro Science	\$ 49.00

Micro Spanish	\$ 49.00
Noddy's Big Adventure	\$ 59.00
Noddy's Playtime	\$ 59.00
Paint Pot 2	\$ 49.00
Primary Maths (3-12)	\$ 49.00
Reading/Writing (3+)	\$ 49.00
Shopping Basket	\$ 49.00
Spanish Tutor	\$ 49.00
Which Where What?	\$ 49.00

## Business Software

Arena Accounts	\$200.00
Cashbook Combo	\$150.00
Day By Day	\$ 69.00
DG Calc	\$ 99.00
Mail Shot Plus	\$ 99.00
Mini Office	\$ 99.00
Money Matters V3	\$ 99.00
NoteBook	\$ 69.00
Superbase Personal 4	\$CALL
Superbase Pro 4 V1.3	\$319.00
System 3	\$CALL
System 3E	\$CALL

## DTP & Design

IntroCad Plus	\$ 40.00
PageStream V3	\$CALL
TypeSmith V2	\$209.00
XCad 2000 OEM	\$180.00
XCad 3000	\$500.00

## Graphics & 3D

Adorage 2.0	\$195.00
Aladdin 4D	\$429.00
Alternative Textures 3D	\$ 99.00
Alternative Textures 3D Vol 2	\$ 99.00
Brilliance 2	\$ 99.00
Caligari 24	\$300.00
Caligari Broadcast	\$600.00
Clarissa	\$195.00
Deluxe Paint 4.1 STD	\$CALL
Deluxe Paint 4.5 AGA	\$CALL
Essence V2 Vol. 1	\$120.00
Essence V2 Vol. 2	\$120.00
Hanna Barbera Animation Workshop	\$ 69.00
Imagine 3	\$599.00
Imagine 3 OEM	\$300.00
Map Studio (Vols. 1-6)	\$ 59.00
PhotoworX	\$150.00
Pixel 3D Pro	\$150.00
Real 3D Classic	\$150.00
Real 3D V2	\$739.00
Scenery Animator 4	\$ 89.00
Take 2 Animations	\$CALL
TV Paint 2.0 (Multi)	\$329.00

## Image Processing

Art Department Professional 2.5	\$260.00
ADPro: Abekas Driver	\$200.00
ADPro: Epson Scanner Software	\$195.00
ADPro: Lasergraphics Driver	\$CALL
ADPro: MorphPlus	\$230.00

ADPro: MultiFrame	\$125.00
ADPro: Polaroid Driver	\$200.00
ADPro: Pro Control	\$ 79.00
ADPro: Pro Conversion Pack	\$ 79.00
ADPro: Sharp JX 100 Driver	\$135.00
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Pro Scanlab 2	\$500.00
True Print 24	\$ 89.00

## Multimedia

Big Alternative Scroller	\$ 99.00
Helm	\$150.00
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Scala Background Vol. 2	\$ 85.00
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# Amiga Users Group

## *Fundraising*

Help raise money for your user group to improve the services offered to you. Through Bradsnax Foods Pty. Ltd., we've organised a cocktail nibblies drive. Included with this copy of Workbench, there is a full colour order form showing the huge range of cocktail nibblies for you to buy and sell to family, friends, neighbours and workmates. These products have the AUG committee's seal of approval for taste, quality and value for money.

### **What You Need To Do**

Its Easy! Just fill in your details at the bottom of the order form, then show what nibblies are available to as many people as possible. After seeing the scrumptious snacks you're sure to be able to sell a few items to each and every person. Remember - the more you sell, the more services the AUG can provide you. 20% of all money received goes directly to your AUG.

### **Bonus Offer**

But wait, that's not all! Not only can you help the AUG, but you can earn free products for yourself. Check out the offers below:

<i>Sell Over</i>	<i>.... And Receive Free!</i>
\$25.00	1 x 150g - Party Munchies, or
\$50.00	1 x Gift Pack Size C - Cocktail Nibblies, or
\$75.00	1 x 150g - Party Munchies and 1 x Gift Pack Size C - Cocktail Nibblies, or
\$100.00	1 x Gift Pack Size A - Party Munchies and 1 x Gift Pack Size C - Cocktail Nibblies.

### **Important Dates**

Orders, accompanied by a cheque or money order made out to AUG, must be received by **Friday 9th September**. Orders can be sent to the AUG at GPO Box 684E, Melbourne, 3001. This gives you around 2 weeks to get as many orders as possible.

Orders will be available for pickup at:

The AUG meeting on Sunday 18th September at the Moorabbin Arts Centre.

Or call the AUG Secretary, Leanne, during business hours on 583 8806 or call after hours on 018 993 006 to arrange alternative pickup arrangements.



## Fish Disk 941

### CardZ

Patience card games. Includes two version of Klondike, The Wall and Up/Down. Version 1.0, binary only, freeware. Requires Release 2.04 and needs a 640x256 PAL HighRes screen.

Author: Frans Zuvdovik

### FlipPrefs

With this program, you can create several preferences files. (The "DEVS:system-configuration" type) of different names and switch between them on command. A sample usage would be to customize the startup script to set different preferences depending on the operating system booted into. Could also be useful in different development environments or for machines with multiple users. Version 1.0, binary only, freeware.

Author: Thorsten Stockmeier

### Guide2Doc

Converts AmigaGuide file to a normal document without any "@{xxx}"s, but full ANSI-support! CLI-ONLY, optional tableof-contents-generation and page-numbering. Output goes to StandardOut, so you may redirect it, eg ">prt:.", or send the guide in CLI. V1.0, freeWare, includes C-source.

Author: Bernd (Koesst) Koestling

### Mine

A Modula-2 implementation of an old computer game. You have an N \* N square with mines hidden in some fields. Your job is to mark them with a flag as fast as possible. Version 2.0, an update to version 1.8 on disk number 835. Contains some bug fixes and improvements. Most important: now always uses the default public screen and does not open it's own multitasking and chipmem-goodbye-screen. Requires AmigaDOS 2.0. Source in M2Amiga Modula-2 and (newest) 68020 version are available from the author.

Author: Thomas Ansoerg

### SOUNDEffect

Sound sample editing program. Special features include: temporary buffers, frequency and amplitude modulation (tremolo and vibrato), echo, special reverb effect, chorus effect, mixer, free hand editing, low and high pass filter, compressor, expander, limiter, distortion and all the usual functions (copy, paste, insert, cut, looping, zooming etc.). All effects are available in stereo. This is no update to V1.32!, the program has been completely re-written and has a new user interface. Runs with OS1.3 or above. Version 2.10, binary only, shareware.

Author: Sven Bhling

### YAMFG

Yet Another Mine Field Game. This is a big classic. Your tank must move through the variable-width and height mine field to a target. Mainly designed to help beginners cope with assembly. Uses retools library. V1.0, includes heavily commented source.

Author: Frdric Delcroix

## Fish Disk 942

### ACalc

A small calculator with floating point, hexadecimal and decimal modes. Has 10 memories, saves the last result in the clipboard, may be used with the mouse or keyboard. With OS 2.x and 3.0, may be installed as a Commodity. Includes both French and English versions. Binary only.

Author: Denis Gonnelle

### AS65

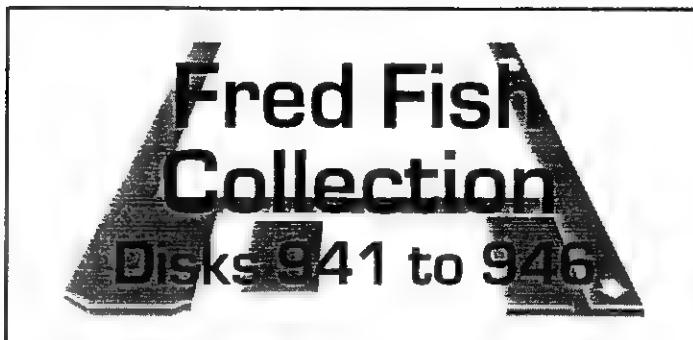
A comfortable and efficient 2 pass cross assembler for the Whole 6502 processor family. Version 2.3d, contains documentation in both english and german. Binary only.

Author: Thomas Lehmann

### LibraryGuide

An AmigaGuide file that lists about 170 different "libraries" often found in the LIBS: directory and a simple one or two line description of their purpose along with version info and where to get them, etc. May help you determine whether or not you actually "need" some of these space-consuming things. Version 1.0

Author: Dan Elgaard



### WBMenu

A simple CLI-only tool that allows you to add new menu-entries to the "Tools" menu of the Workbench. Useful for scripts and batch files, simple to use. Requires OS2.04+. Version 3.4, Includes source in assembler for both English and german versions. Shareware.

Author: Thorsten Stockmeier

## Fish Disk 943

### Clock

A simple Clock program but with the handy feature that you can "snapshot" the clock to stay with any screen or it can be free to pop to the frontmost screen automatically. Up to 4 alarm times can be set, which can simply put up a requester or cause a program to run in background. Hourly chimes can also be made to run a program (I.E. a sound sample player). Uses locale.lib with OS2 1+. V2.20, an update to V2.00 on disk 869. Bin only.

Author: Bernd Grunwald

### IRMaster

A package for the substitution of remote controls by the Amiga. You can learn and send nearly any infra red command. That means you can control e.g. your tv set from the workbench. With an editor you can create remote controls and with a runner you can use them on your wb. V1.0, binary only.

Author: Jrgen Frank & Michael Watzl

### JISToJI

A program to read and print Japanese electronic text. JISToJI automatically identifies electronic texts written in Old-JIS, New-JIS, Shift-JIS, or EUC-JIS (as well as ASCII) and displays them on screen, or prints them to dot-matrix printers. Version 1.5, binary only.

Author: Gerald B. Mathias

### MCMaster

Another music cassette cover printing utility which should work together with any printer that supports pica and fine. Other features are a search function and a list function which allow you to put, for example, all the song names in a list gadget to scroll around. Requires KS >2.04! Version 1.2, an update to version 1.1 on disk 685. Binary only.

Author: Michael Watzl

### Mkfont

Converts standard Amiga fonts into softfonts for the Hewlett Packard II (compatible) laser printers. It is entirely written in assembly and is quite fast. It can double the softfonts in size and smooth 'them automatically. Version 1.0, binary only, freeware.

Author: Tomio Voerman

### WBflash

A small program that nicely flashes (or color-cycles) the active window or Workbench background. With some simple gadget clicks you can generate and save your own custom flash-patterns. Written in assembler. Includes English and Swedish versions. Requires OS2.04+. V1.12, binary only.

Author: Thomas Pettersson

## Fish Disk 944

### AngusTitr

A program to create videotitles for (e.g.) your holiday films. It is possible to scroll 350 lines up the screen. Of course, the colors, fonts, fontstyles, border etc. can be changed. It is also possible to load a background picture. This is only a demo-version that is limited to 10 lines, all other options

are enabled, even saving and loading. The full version can be obtained from the author for \$35 US or 45 DM. V.0, binary only.

Author: Andreas Guner

### ARegress

A program for statistical evaluation of measurements. You can use it to estimate different kinds of regression, and to print graphs of the regressions. V2.0, bin only, freeware.

Author: Sven Bhling

### BlockEd

Disk block editor, simple but easy to use. Compatible with 1.3+. V1.4, initial release. Contains most source (C) for light reading.

Author: Andrew Kemmis

### Lhf

A dir-utility and archiver with CLI and intuition interface. Enables you to copy, move, delete or rename archive files as if they were ordinary files. Extraction and compression is automatically performed as needed. With the configuration program "LhfEd" you can customize it to perform external commands. Version 1.03, binary only, freeware.

Author: Stefan Pampin

### Parchees

Like the classic board game. The aim of the game is to get all of your markers safely around the board to your home base. Three levels of play, players selectable between human/computer. Includes documentation in english and spanish. V1.7g, binary only.

Author: Xavier Egusquiza

### PhoneDir

Personal Phonedirectory (PPD) was designed to remember addresses and phone numbers for you, and also dial the numbers automatically. PPD was designed especially with multitasking in mind. When you are doing something else, its window can be minimized, and when you need to, you can call someone just by a click on the mouse. PPD uses almost no system power when not used. Version 1.0, binary only.

Author: Halvard Korsgaard

## Fish Disk 945

### EmacsStarter

A good Emacs starter. With it you can load files into a running Emacs. Has an option to use a public screen (requires "ScreenManager"), full WB support, double-click icons into a running Emacs, new icon creating scheme, use different icons depending on what type of file you are editing, sticky flag, the script doesn't terminate until the requested buffers are terminated. Release 1, includes ARexx and C source.

Author: Anders Lindgren, Bo Liljegen

### IFFConvert

A program to convert the different compression methods of IFF ILBM files. It supports normal compression, a new method that compresses column by column instead of by row, and uncompressed files. V1.12, an update to V1.11 on disk 699, includes source.

Author: Matthias Meixner

### MineRunner

A freeware game like Lode Runner, but with more features. Supports the 4 player adapter for the parallel port, uses soft stereo where possible, doesn't stop multitasking and saves highscores to disk. Version 1.0, binary only.

Author: Matthias Bock

### Orm

An improved version of PD "Snake" game

on disk 810 by Michael Warner. You control an "orm" (Danish for worm or snake), living in a small window on the default public screen, which grows by eating "frogs" and avoiding obstacles. This version tries to be smart about its window borders and the screen mode (Interlace, Superhires, etc.), Supports locale library if present. English, German, Italian, and Swedish catalogs are supplied. Default language is Danish. Includes the catalog description file and full DICE & SAS/C (Lattice) compatible source. V1.4, Public Domain. Requires OS2.04+.

Author: Torsten Poulin

### PrtSc

Have you ever noticed that there is a PrtSc key on the numeric keypad? This program makes it work! By pressing the PrtSc key on your keypad, you get a screen dump to your printer. V1.52, an update to V1.08 on disk number 897. Freeware, includes source.

Author: Jan Hagqvist

### Reminder

A utility to remind you about events. It consists of an event editor and a small program that is put in your WBStartup (or run from S:user-startup). Every time you boot your machine, this program checks the event database and puts up a requester (and optionally calls an ARexx script) if there are events that you need to be reminded about. Version 1.20, freeware, C source included for DICE and SAS6.x.

Author: Matti Rintala

## Fish Disk 946

### AmiQWK

QWKMail format offline message system. Allows reading of QWKMail format offline message packets popular with many bulletin board systems (BBSES). Replies can be edited using any text editor and packed for transfer at a later time. AmiQWK has been tested with many QWKMail systems for IBM and Amiga based BBSES. Requires Workbench 2.04 or higher. Release 2 version 2.2, an update to Release 2 version 1.0 on disk number 907. Binary only, shareware.

Author: Jim Dawson

### DMon

DMon is a multi-purpose utility written for the author's personal use during program development. It is a Monitor, Disassembler, Debugger and development system. You may find similarities to Amiga Monitor by Timo Rossi, but DMon is different, it can disassemble and debug 68xxx software in User and Supervisor Mode. If you do not know what that means, then do not use DMon! Version 1.86, binary only.

Author: Andreas Smigielski

### fd2pragma

A small utility to create prototypes for the Aztec C compiler or the Aztec Assembler from FD files as distributed from Commodore with the Include files. Includes C-source.

Author: Jochen Wiedmann

### PriMan

A configurable, Style Guide compliant task priority manager. Along the same lines as TaskX, PriMan is font-sensitive, resizable, uses a slider gadget to change the priority of any task, and has buttons for sending a Ctrl-C signal to a task, or removing it from memory. V1.1, an update to V.0 on disk 928. FreeWare, includes C source.

Author: Barry McConnell

### TrashIcon

A WorkBench 2.x application icon to delete files. Puts an icon at a user defined position on the WorkBench screen, then deletes all files that are dragged onto it. V2.3, an update to V1.4 on disk 871. Binary only.

Author: Mark McPherson

### Yass

Yet Another Screen Selector, a commodity with nice features such as: Completely controllable via keyboard (of course you can use your mouse, if you really want to); Shows Screens and Windows; Shows PublicScreenname or ScreenTitle; Ability to change the default Public screen; Opens window even on non-public screens. Font-sensitive; Resizable window. V1.1, binary

# Notes on General MIDI

## By Norm Christian

General MIDI (GM) is an industry standard which is now coming into its own. Latest releases of most makes of organs, electric pianos and keyboards appear to be either wholly GM, such as my Yamaha PSR510, or (for example) the Technics KN2000, which has a switchable GM mode. GM instruments have a bank of 128 voices and these for the most part carry the same, or similar names, for example 000 is an Acoustic Grand Piano, 042 a Cello, 011 a Vibraphone on all GM instruments.

As a result, any music data created on any GM instrument can be played back on a GM instrument of a different make and it will sound basically the same, including the drum sounds. This is not to say that the music will be absolutely identical, as it may be that the Yamaha Cello, for example, has a slightly different sound from the Technics Cello, but at least they will both be cellos and this is a major step in the right direction.

Hitherto, it has only been possible to convert files by very time-consuming editing, and even then in most cases it is almost impossible to get the drums right. Although GM is supposed to be a universal standard, individual manufacturers may interpret parameters such as pitch-bend, reverb levels, dynamics etc. differently, also some products will not accept all controller commands. The end user may have to make some adjustments, but these are minor compared to the task necessary with non-GM files.

I have produced a number of MIDI songs using my PSR510 and have tried them out on a Technics KN2000 in its GM mode, with surprisingly good results. As I now have a modem, it is my intention (when I get time) to upload some GM MIDI files. These will have a .MID suffix which will make them acceptable to Bars & Pipes. Atari and PC users will also be able to download and use these files directly in their sequencing software.

For some time I have been using CrossDos to convert .MID files from other computers, but it is rare to find any which are GM. General MIDI will from now on open up vast possibilities in which owners of different brands of musical instruments and different brands of computers, will hopefully become part of a large network of musicians all able to share their output. Vive la difference!

For those musicians who may wish to try out some songs in that format, I have now uploaded several to the BBS. Attached to each song is a README file along the following lines:

### NOTES RE THIS "GENERAL MIDI" SONG.

*This song was played by me in real time on a Yamaha PSR 510 keyboard. It was first captured by Bars & Pipes and then converted to MIDI format. The song conforms to GENERAL MIDI specifications and can be played on any make of multi-timbral keyboard or organ, provided the latter also conforms to the GM standard.*

*There are two ".mid" files, names ending in 0 and 1 to indicate MIDI formats 0 and 1. If desired, either of these can be loaded to Bars & Pipes and then saved in its ".song" format. For those who do not have Bars & Pipes, ".mid" is a universal format accepted by the majority of music programs, Amiga, Atari & PC.*

*Some hardware sequencers with standard floppy disk drives, most of which use IBM format, will directly accept these files, provided they are copied to an IBM disk using CrossDos or similar. Some will accept only MIDI 0 or MIDI 1 format, which is why I have included both.*

*Occasionally it may be necessary to alter the suffix to conform to the default pattern of the hardware; for example the Yamaha MDF2 will only accept MIDI 0 format and the suffix must be altered from .mid to ".Xnn", where n is a double digit number telling the sequencer the song's playing position on the disk.*

## Stunning Graphics Slideshow of Amiga Graphics

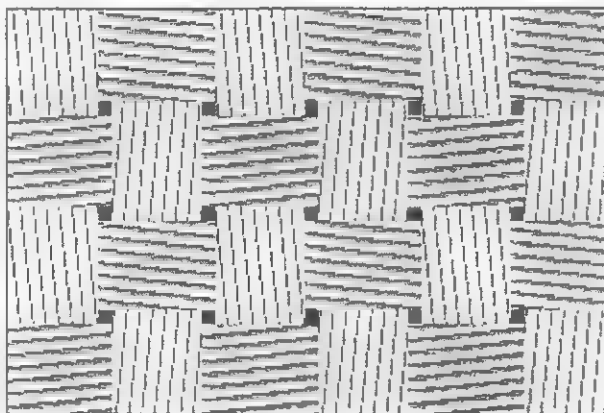
Not only a talented musician, willing to help out fellow Amiga users, Norm Christian has also produced some stunning graphics which show off both the Amiga's stunning graphics and colour cycling abilities and Norm's talent at exploiting these capabilities for artistic purposes.

To share some of these images with the rest of us, Norm has compiled a selection of his work on to two floppy discs, along with a display program to show them as a slideshow. These discs are on Amiga Central BBS and Workbench Editor's BBS under the names Normpic1.dms and Normpic2.dms.

The discs are designed as a set and to use Norm's slideshow script for the second

disc you need the first, but the images can be viewed with any suitable display program that will handle powerpacked images. (I've used Mostra, with the PowerPackerPatcher installed so that the images are unpacked before they are loaded in to the program.) Note that you do need the program dms to reconstruct the original floppy discs. This is also available on the Editor's BBS.

John Rowley.





# The AUG HelpNetwork

## What is the Amiga Help Network?

The AUG help network is a way for members to share their knowledge and experience with others in the group. Members volunteer to help with an area they are knowledgeable in. All that is involved is having your name and phone number listed in the *Workbench*, and assisting users who ring with their questions.

The Help Network has been running for many years now, and the committee has decided it is time for an overhaul. We would like to take this opportunity to extend our thanks to the current volunteers many of whom have been on the list for several years.

## So we ask...

Could you offer your services? You don't have to be an Amiga expert, all you need is some experience in one area of the Amiga plus a little time to answer questions from time-to-time. If you can help, please fill out the form below and mail it to PO Box 684E Melbourne 3001; hand it in to a committee member at a meeting; or leave a message to Justin Deeley on one of the BSS systems.

In the past contact has been via phone, from 6pm to 9pm. We are extending the system to give more options. Volunteers may choose one or more contact method depending which they find most convenient:

- Business hours phone (9 to 5pm)
- After hours phone (6pm to 9pm)
- Fax
- Contact via the BBSs

To keep our list up to date we ask that current volunteers also return the slip.

Thankyou for your help. AUG Committee.

<b>Name:</b>	
<b>Area(s) where you can offer help:</b>	
<b>The best ways to contact you (tick one or more):</b>	
<input type="checkbox"/> BH Phone:	
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# Calendar

Sunday	Aug 21	Moorabbin Meeting
Tuesday	Sep 8	SEAUG Meeting
Sunday	Sep 18	Moorabbin Meeting
Wednesday	Sep 21	NWAUG Meeting
Tuesday	Oct 11	SEAUG Meeting
Sunday	Oct 16	Moorabbin Meeting
Wednesday	Oct 19	NWAUG Meeting
Tuesday	Nov 8	SEAUG Meeting
Wednesday	Nov 16	NWAUG Meeting
Sunday	Nov 20	Moorabbin Meeting
Tuesday	Dec 13	SEAUG Meeting
Sunday	Dec 18	Moorabbin Meeting
Wednesday	Dec 21	NWAUG Meeting

*Times and places for AUG, NWAUG and SEAUG meetings are printed with the maps on the next page.*

*Art SIG meetings are held on the 3rd Tuesday of each month (N.B. this is not always the Tuesday following the Moorabbin meeting!! The venue may vary, so check the Art SIG reports for the location of the next meeting.*

*If you are arranging (or know of any) forthcoming meetings, demonstrations, lectures or other events that would interest readers, please let us have the details so that we can publicise them here. Country members are encouraged to use this calendar for local events.*

## **Event Organisers!**

*These dates are based on information provided to us. If the dates are incorrect or changed, please advise the editor as early as possible to ensure updating of the calendar.*

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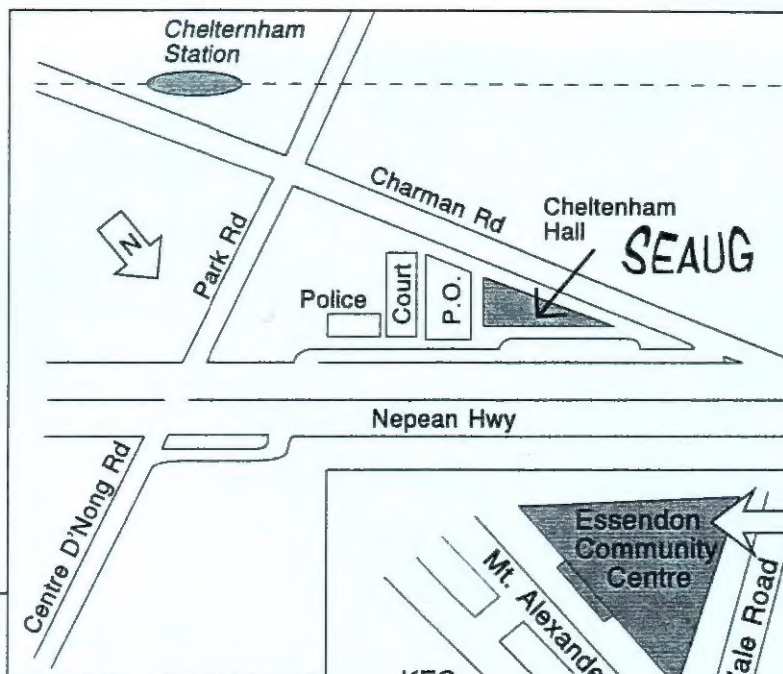
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**Telephone: 563 6060  
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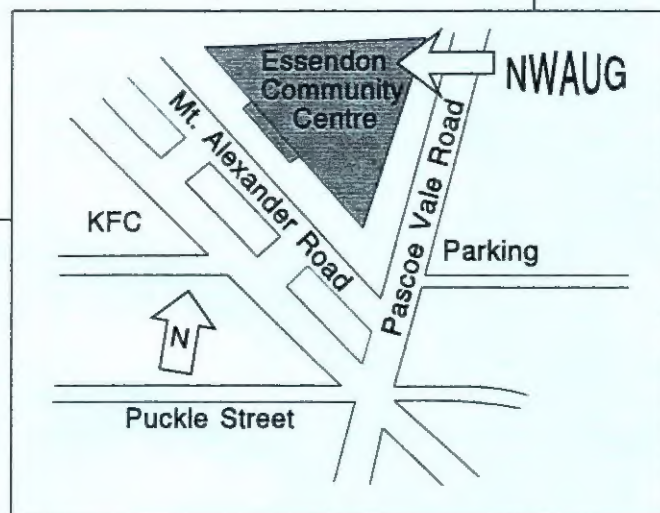


South East AUG (SEAUG) meets  
at the Cheltenham Hall 2nd  
Tuesday of each Month from  
7.00pm *Melway Map 86 Ref. J1*

The Amiga Users Group meets at the  
Moorabbin Arts Centre Complex, 979  
Nepean Highway, Moorabbin (corner  
South Road—near the Town Hall and  
railway station) on the 3rd Sunday of each  
month at 2.00pm (doors are open from  
1.00pm) *Melway Map 75 Ref. D5*



Where to Find us...



North West AUG (NWAUG) meets on the first floor of the Essendon Community Centre every 3rd Wednesday from 7.30pm, *Melway Map 28 Ref. J7*

## AUG Membership/Renewal Form

Return this form to: Membership Officer  
AUG  
PO Box 684E  
Melbourne 3001

Or deliver it in person at the next meeting.

If you are renewing your membership, please  
write your membership number in the boxes  
below (it is printed on the mailing label).

\*

First Name:  Surname:

Address:

Post Code:  State:

Phone: (BH)  (AH)

Fax:  Modem:

I have enclosed a cheque or money order (sorry, we can not take credit cards) for:

- ☐ Full Membership (\$35.00 a year), or ☐ Basic Membership (\$25.00 a year)
- ☐ If you are a new member, tick this box and add the \$5 joining fee.
- ☐ Tick this box if you would like to receive advertising material.

Once admitted as a member of the Amiga Users Group (Vic.) Inc., I agree to abide by its rules of  
association for as long as I continue as member of that group. (The AUG is governed by the rules of  
incorporation for a non-profit organization in Victoria. These are available on request.)

Signed:  Date:

Provision of the following details is optional.

Year of birth:  Amiga model(s):

Occupation:

Interests:

Amiga Dealer:

Address:

# AMIGA Workbench

Print Post Approved, Publication Number PP349018/0016

If Undeliverable, return to  
Amiga Users Group, Inc  
P.O. Box 684E Melbourne, 3001  
Victoria, Australia

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AUSTRALIA

Member #12312

Expires 9408

## AUG Members *SPECIAL NOTICE*

Please check your membership expiry date on the address label.  
If your membership is due for renewal soon, prompt payment  
would be appreciated. A renewal form is inside the back cover.

PRINTED MATTER ONLY